

Intelligent Communication Systems India Ltd.
(ICSIL)

(Joint Venture of TCIL – A Govt. of India Enterprise & DSIIIDC –

An Undertaking of Delhi Govt.)

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Website: www.icsil.in

<https://govtprocurement.delhi.gov.in>

Tender

for

SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF
CCTV SURVEILLANCE SYSTEM

WITHIN DELHI AREA- Site 2

Reference Number: ICSIL/12/184/CCTV/2015-16/Vol 2

Date: 19-03-2016

Closing Date & Time of Proposal Submission 28-03-2016 at 03.00 PM

ABBREVIATIONS

Abbreviations	Expanded
CCTV	Close Circuit Television
EMD	Earnest Money Deposit
GOI	Government of India
GR	Goods Receipt
INR	Indian Rupee
MOU	Memorandum of Understanding
OEM	Original Equipment Manufacturer
PBG	Performance Bank Guarantee
POA	Power of Attorney
AMC	Annual Maintenance Contract
MAF	Manufacturer's Authorisation Form
ATP	Acceptance Test Procedure
FAT	Final Acceptance Test
VMS	Video management System
SLA	Service Level Agreement

SECTION 1

INVITATION FOR TENDER

1. Key events and Dates

Name of the Project Work	Supply , Installation, testing & Commissioning of CCTV Surveillance System in Delhi Area
Ref No Date	ICSIL/12/184/CCTV/2015-16/Vol2, 19-03-2016
Availability of Tender document	Delhi Govt. E-Tender Portal https://govtprocurement.delhi.gov.in and website of ICSIL i.e. www.icsil.in
Earnest Money Deposit	Rs. 5,00,000/- (Rupees FIVE lakhs only) in the form of Demand Draft/ banker's cheque/ Bank Guarantee(BG) from scheduled bank, in favor of "Intelligent Communication Systems India Ltd," New Delhi
Date of issue of Tender documents	19-03-2016
Contact Person for seeking clarifications through e-mail with last date & time	Mr. Sanjay Prakash- Manager (QA) 22-03-2016 by 5.00 PM
Email id for clarifications	networking@icsil.in
Pre-bid Conference	23-03-2016 at 11.30 AM
Venue for Pre-bid conference	ICSIL, Okhla Industrial Estate Ph. 3, Above Post Office, New Delhi
Last date and time for submission of Bid	28-03-2016 at 3.00 PM
Date and Time of opening of bid	28-03-2016 at 3.30 PM

SECTION 2

2. INTRODUCTION AND PROJECT OVERVIEW

- 2.1. Intelligent Communication Systems India Ltd. (ICSIL) is a joint venture of Telecommunication Consultants India Ltd. (TCIL), a govt. of India enterprise, under Ministry of Communications & IT and Delhi State Industrial and Infrastructure Development Corporation (DSIIDC), an undertaking of Delhi government. From 1987, the year of its inception, it has provided exemplary service in the IT sector, specializing in providing complete solutions in computerization, networking and telecommunication. With a well-focused vision and a global mission, ICSIL look at greener pastures across the globe.
- 2.2. ICSIL invites sealed offer from the bidders in Two Bid System i.e. Technical & Commercial for Supply, Installation, testing & Commissioning of CCTV surveillance system in Delhi Area Wards as per specifications mentioned in the Tender documents for our Client at locations mentioned in Annex-8. The supplies should be strictly as per the specification in the tender. The quantities given in the tender are tentative and actual quantities may vary +-20% (for active components only). The other items quantities variation will be as per the actual requirements of ICSIL / Delhi Govt. department.
- 2.3. No commitment of any kind, contractual or otherwise shall exist unless and until a formal written contract has been executed by or on behalf of the ICSIL. Any notification of preferred bidder status by ICSIL shall not give rise to any enforceable rights by the Bidder. ICSIL may cancel this public procurement at any time prior to a formal written contract being executed by or on behalf of ICSIL.
- 2.4. This Tender supersedes and replaces any previous public documentation & communications, and Bidders should place no reliance on such communications.
- 2.5. While every effort has been made to provide comprehensive and accurate background information and requirements and specifications, Bidders must form their own conclusions about the solution needed to meet the requirements.

SECTION 3

3. ELIGIBILITY AND EVALUATION CRITERIA

3.1 ELIGIBILITY CRITERIA:

- 3.1.1 The Bidder must be a company registered under Indian Company Act, 1956 and should be in similar business for the last 5 years as on the date of bidding. The Consortium of companies/firms etc. is not allowed to bid. (Copy of valid Certificate of Incorporation or firms' registration attested by Company Secretary/ Authorized Signatory should be attached).
- 3.1.2 The applicant should have valid Service Tax and VAT Registration in its name (attach copy of registration)
- 3.1.3 The applicant should have Income Tax PAN in its name {Attach copy}.
- 3.1.4 A self-certificate that the Company has not been black listed by any department/autonomous body/PSU of the Central/State Government in the past three years as on last date of submission of the Tender (submit as per Annexure 7)
- 3.1.5 Average Annual Turnover of the bidder should be minimum Rs.10 Cr.for the year 2012-13., 2013-14 & 2014-15. Attach copies of audited balance sheet.
- 3.1.6 Positive net worth of bidder should be min 1 Cr. and the bidder organization should be profit making in last 3 financial years ending 31st March, 2015.
- 3.1.7 Bidder should be an ISO 9001:2008 or higher level certified Company.
- 3.1.8 The bidder should be an authorized system integrator of the OEM (active components). Relevant authorization / MOU copy should be furnished along with the bid.
- 3.1.9 The Bidder should enclose MAF (Manufacturer Authorization Form) from the OEM for all the relevant active components viz. CCTV Camera, DVR, UPS, LED Monitor that would be quoted in the tender Bidder to submit Manufactures authorization form (MAF), in original, on the OEM Letter head, duly signed by authorized signatory, (scan copy, email copy & photo copy of MAF will not be considered).
- 3.1.10 The OEMs for camera, DVR, UPS, LED Monitor, Power cables, Video cables and other critical equipment should have ISO/ISI quality certification for manufacturing these products.
- 3.1.11 CCTV Camera, DVR, Recording, Analytics Software should be of same OEM. The OEM must be registered with open industry forum for the development of a global standard for the interface of network video products- ONVIF & PSIA.
- 3.1.12 The OEM for the product being offered for active component should have their office in India for a min of 8 years on the date of bidding.
- 3.1.13 The Bidder should be an established Original Equipment Manufacturer (OEM) or Authorized Channel Partner of OEM and should have successful carried out system integration work involving supplying and installation of CCTV cameras and DVR during last five years as on 31/12/2015
- 3.1.14 The Bidder should have executed one project of Supply & Installation of CCTV surveillance system of value Rs. 150 lakhs or above involving min 200 cameras with DVR/VMS or two projects of over Rs. 100Lacs or above involving min 150 cameras each with DVR/VMS or three projects of Rs. 50 lakhs or above involving min 100 cameras each with DVR/VMS during the last five years as on 31/12/2015
- 3.1.15 Bidder should have a full-fledged own support office & service centre in Delhi / NCR. Attach documentary proof.

- 3.1.16 The Bidder should have at least 30 technical resources in CCTV surveillance domain on its payroll. This is to justify that Bidder is serious about its business of CCTV which will ensure long term after sales support and spare support from the Bidder. Bidder to produce documentary proof to establish the eligibility i.e. list of employees alongwith EPF detail.
- 3.1.17 Proposed CCTV surveillance system shall include 1 Years comprehensive Warranty. This should be confirmed by Camera and DVR OEM on their letter head duly stamped & signed as part of MAF.
- 3.1.18 The Bidder should submit their current on-going project status report to ascertain the work load till July 2016 as the proposed project is strictly time bound.

3.1 Evaluation Criteria

3.1.1 **First Step** -Opening of Envelope Containing EMD. The Committee will first verify that the Demand Draft/ banker's cheque/Bank Guarantee (BG) for bid Security is in order and as per requirement of the bid.

3.1.2 **Second Step** – Evaluation of eligible bid

The eligible bid of the prospective bidders will be evaluated as per clause

3.2 (ELIGIBILITY CRITERIA)

3.2.1 **Third Step** – Opening of Technical Bid & their evaluation.

3.2.1.1 ICSIL will constitute a Proposal Evaluation Committee to evaluate the responses of the bidders.

3.2.1.2 All offers received in response to this tender enquiry will be evaluated by the Committee initially based on the eligibility criteria. After evaluation of first stage of technical bids by committee, the bidders, who meet the requisite criteria, will be short-listed. These short listed bidders will be further evaluated on the basis of the minimum specifications & features of the equipments/system as per compliance sheet mentioned in the Tender. After evaluation of technical bids by the committee, the bidders, who meet the requisite criteria, will be short listed/qualified for further evaluation.

3.2.1.3 When deemed necessary, ICSIL may seek clarifications on any aspect of their bid from the bidder. However, that would not entitle the bidder to change or cause any change in the substance of the tender submitted. This would also not mean that their proposal quote has been accepted. ICSIL may also request for the verification of the credentials of the bidder including the customers whose work completion certification has been attached by the bidder for verification. ICSIL will have the right to disqualify any/all bidders if it is found that the bidder has provided fast/incorrect information and/or the clients provide an adverse feedback about the bidder.

3.2.1.4 The decision of the Proposal Evaluation Committee in the evaluation of responses to the Tender shall be final. No correspondence will be entertained outside the process of negotiation/discussion with the Committee

3.2.2 **Forth Step** – Opening of Financial Bid of Technically qualified Bidder

3.2.2.1 Commercial bids of only those bidders will be opened, whose technical bid was found satisfactory. Such commercial bids will be opened by the Committee in presence of the Bidders' representatives, who choose to attend can do so, at the given time, date and venue. The bidders' representatives, who participate in the opening process, shall sign a document evidencing their attendance.

3.2.2.2 Vendors for CCTV Equipment:-It is reiterated that the ICSIL is selecting vendors for installing CCTV Equipments at its Clients site, The Cost of CCTV Equipments including hardware, software, installation & commissioning charges quoted by bidder, will be the deciding factor to determine L-1, as per the financial bid format attached. The rates of CCTV Equipment, quoted by bidders in their bids will be compared by the Tender Opening Committee and the bidder, quoting the lowest composite rate for CCTV Equipments& installation charges, will be declared as L-1 bidder.

3.2.2.3 Comprehensive Warranty: - An on-site Comprehensive Warranty will include replacement of all defective parts or assemblies of equipment, one mandatory visit per month for preventive maintenance besides the emergency calls. Complaints will be attended within 8 hours of reporting, on round the clock basis by the vendor. No additional charges, whatsoever, will be paid in this regard. If, during the warranty period , any equipment fails to function properly four or more times during a quarter due to any reason except Force Majeure event, the vendor shall arrange replacement of the same by new equipment of same or higher configuration, at no extra cost to the ICSIL's Client.

3.2.3 **AWARD CRITERIA**

3.2.3.1 L1 is the bidder with the least composite financial offer of CCTV Equipment with one year comprehensive onsite warranty.

3.2.3.2 The composite financial offer is the sum of the prices quoted for the CCTV Equipment (inclusive of Software) and installation, commissioning, maintenance with one year comprehensive onsite warranty.

3.2.4 **VALIDITY OF PROPOSAL**:-The proposal should be valid for a period of six months (i.e.180 days) from the date of submission of bid and rates finalized with this tender process should be valid till the validity period of the contract with the vendor. The ICSIL may seek confirmation of the vendor for the extension of validity beyond validity period.

SECTION 4

4. INSTRUCTIONS TO BIDDER

- 4.1. The bidder shall bear all costs associated with preparation & submission of the Tender. The ICSIL in any case will not be responsible or liable for these costs.
- 4.2. The bidder is advised to study the Tender Document carefully. Submission of the Tender shall be deemed to have been done after carefully studying and examination of all instructions, eligibility criterion, terms and requirement specifications contained in the Tender document with full understanding of its implications. Failure to furnish all information required in the Tender Document in all respects will be at the company's risk and may result in the rejection of the Tender.

4.3. Tender DOCUMENTS

- 4.3.1. Tender Documents includes:-

Section 1 Invitation for Tender

Section 2 Introduction and overview of the project

Section 3 Eligibility and Evaluation Criteria

Section 4 Instructions to bidder

Section 5 Scope of Work

Section 6 General (Commercial) Conditions of the Contract

Section 7 Annexures

Section -8 Bill of quantities, technical Specifications

Section-9 Price Bid format

- 4.3.2. Any clarification or communications obtained from the ICSIL.

4.4. AMENDMENT TO Tender DOCUMENTS

- 4.4.1. At any time the ICSIL may for any reason, whether at its own initiative or in response to a clarification requested by a prospective company, modify the Tender documents by amendments.
- 4.4.2. The amendments/Corrigendum will be notified on ICSIL Website and these amendments will be binding on them. Applicants are advised to visit ICSIL Website www.icsil.in and Delhi Govt. site <https://govtprocurement.delhi.gov.in> regularly for updates on Tender.

4.5. ELIGIBILITY AND QUALIFICATIONS

Bidder shall furnish documents as a part of Tender, establishing the bidder's eligibility to execute the project and as asked in the tender. The bidder shall also submit documentary evidence in the form of literature, drawing, data on the goods offered.

4.6. EARNEST MONEY DEPOSIT & TENDER FEE

- 4.6.1. The bidder shall submit EMD of Rs. 5,00,000/- (Rupees Five Lakh only) in the form of Demand Draft/ banker's cheque/Bank Guarantee(BG) from a Scheduled Bank in favour of M/s Intelligent Communications System India Ltd., payable at New Delhi.
- 4.6.2. The EMD of the unsuccessful bidder should be discharged/ returned as promptly as possible.
- 4.6.3. The successful bidder's EMD will be discharged upon the Company's submission of the Performance Guarantee.
- 4.6.4. No interest is payable on EMD.
- 4.6.5. In case of inadequacy or non-submission of prescribed EMD/Tender Fee, the bidder Tender shall be deemed to be disqualified and shall be summarily rejected in the evaluation.
- 4.6.6. If the successful Bidder fails or neglects to observe or perform any of his obligations under the contract it shall be lawful for the ICSIL to forfeit either in whole or in part, the Performance Guarantee /Security deposit furnished by the successful bidder.
- 4.6.7. ICSIL will not be responsible for any delay on the part of the bidder in obtaining the terms and conditions of the Tender notice or submission of the Tender
- 4.6.8. Any attempt by bidder to bring pressure towards ICSIL's decision making process, such bidder shall be disqualified for participation in the present Tender and those bidder may be liable to be debarred from bidding for ICSIL tenders in future for a period of three years.
- 4.6.9. Upon verification, evaluation / assessment, if in case any information furnished by the bidder is found to be false/incorrect, their total Tender can be summarily rejected and no correspondence on the same shall be entertained.
- 4.6.10. ICSIL will not be responsible for any misinterpretation or wrong assumption by the bidder, while responding to this Tender.
- 4.6.11. The bidder shall be governed by the laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such commercial dealings/processing.
- 4.6.12. All disputes in this connection shall be settled in Delhi jurisdiction only.
- 4.6.13. ICSIL reserves the right to cancel this Tender or modify the requirement without assigning any reasons. ICSIL will not be under obligation to give clarifications for doing the aforementioned.
- 4.6.14. A Tender determined as substantially non-responsive shall be rejected by the ICSIL.
- 4.6.15. The ICSIL may waive any minor infirmity or non-conformity or irregularity in the Tender which does not constitute a material deviation.
- 4.6.16. The ICSIL shall evaluate in detail and compare the Tender which are substantially responsive.

4.7. PRE - BID CONFERENCE

- 4.7.1. A Pre-Bid conference of all the interested bidders will be held at the scheduled date and time and the bidders will have to submit their queries in the format provided in this Tender

document. The bidders have to e-mail their queries in the format provided below prior to the pre bid conference as MS excel files.

BIDDERS REQUEST FOR CLARIFICATION

Name and Address of the Organization submitting Request		Name and Position of Person submitting request	Contact Details of the Organization / Authorized Representative
			Tel:
			Fax:
			Email:
S. No	Tender Reference(s) (Section, Page)	Content of Tender requiring Clarification	Points of clarification Required
1.	-----		
2.	-----		

4.7.2. Enquiries, if any, shall be addressed to Mr. Sanjay Prakash (Manager-QA) and sent to the email id networking@icsil.in. All clarifications that are received by email on or before the date mentioned in the schedule will be addressed by ICSIL in a Pre-bid Meeting. ICSIL shall aggregate and respond to all such clarifications as per the schedule of bidding. This response to clarifications will be issued as a Corrigendum to the original Tender, if any.

4.7.3. Bidder interested to participate in the Pre-bid meeting are requested to intimate particulars of the participant (maximum two) by E-mail to Mr. Sanjay Prakash (Manager-QA) on the above referred E-mail ID on or before last date for seeking clarification.

4.7.4. During the course of Pre-Bid conferences, the bidder will be free to seek clarifications and make suggestions for consideration. The ICSIL shall endeavor to provide clarifications and such further information as it may, in its sole discretion, consider appropriate for facilitating a fair and transparent Process.

4.7.5. In respect of suggestions / clarifications received, the following shall apply:

4.7.5.1. ICSIL reserves the right not to consider any condition that is the sole discretion of ICSIL, if found unacceptable.

4.7.5.2. If in ICSIL’s opinion, certain conditions are acceptable, in whole or in part, the same shall be finalized by ICSIL and the accepted conditions will be made available to all bidders through its website.

4.7.5.3. If ICSIL deems it appropriate to revise any part of this Tender or to issue additional data to clarify an interpretation of the provisions of this Tender, it may issue supplements to this Tender. Such supplemental information, including but not limited to, any additional conditions, clarifications, minutes of meeting, and official communication over email / post will be posted on the ICSIL website. Any such supplement shall be deemed to be incorporated by this reference into this Tender.

- 4.7.5.4. ICSIL will not take the responsibility to acknowledge the receipt of the queries by email. In no event will ICSIL be responsible for ensuring that bidders' inquiries have been received by ICSIL.
- 4.7.5.5. ICSIL will attempt to provide reasonable response/answers to all queries submitted by the potential bidders. However, ICSIL makes no representation or warranty as to the completeness of any response, nor does ICSIL undertake to answer all queries that have been posed by the bidders.
- 4.7.5.6. ICSIL will not be responsible for any queries which any of the bidders claim to have sent and which did not reach the designated email ids of ICSIL
- 4.7.5.7. ICSIL will share the answers for the queries from each of the bidders, with all the bidders at the Pre-bid meeting and subsequently upload on the ICSIL's website for the information of all prospective bidders.

4.8. **POST Tender CLARIFICATIONS**

No post Tender clarification at the initiative of the bidder shall be entertained and any effort by the bidder to influence the Purchaser in the Purchaser's Tender evaluation, Tender comparison or award of the contract shall result in rejection of the Tender of applicant.

- 4.9. **Authentication of Bid:** The Tender along with all annexure /document shall be signed by a person duly authorized to bind the organization to the Contract. A duly stamped Power-of-Attorney accompanying the Tender Document shall support the letter of authorization. The person or persons signing the Tender Document shall sign all pages of the Tender Document, including pages where entries or amendments have been made.

4.10. **Instruction regarding On-Line submission of Tender**

Participation in this Tender shall be through online submission only. The following instructions are to be read carefully. These instructions are supplemented with more detailed guidelines on the relevant screens of the E-procurement portal of Govt. of NCT of Delhi.

4.10.1.Preparation & Submission of Tenders:

Detailed tender documents may be downloaded from e- tender portal of Govt. Of Delhi <http://www.govtprocurement.delhi.gov.in> as per Tender Notification and tender is to be submitted online following the instruction appearing on the screen. A buyer manual containing the detailed guidelines for e- tendering system is also available on e- tender portal of <http://www.govtprocurement.delhi.gov.in>.

4.10.2.On-Line Submission

The On Line Submission will have the following activities:

- i) Submission of particulars of EMD.
- ii) Submission of Eligibility Part.

- iii) Submission of Technical Bid.
- iv) Submission of Financial Bid

Technical Bid must contain the signed & scanned copy which is required to be submitted as per requirement of Tender and the minimum list of documents is as under:-

1. Company Profile of the bidder : Annexure-1
2. MAF : Annexure-2
3. Format for Performance BG : Annexure-3
4. Letter of submission of tender : Annexure-4
5. Statement of experience : Annexure-5
6. Format of Power of attorney: Annexure-6
7. Self-certificate regarding blacklisting of the company as per Format : Annexure-7
8. Copy of Certificate of Incorporation or Firms' certificate
9. Copy of registration of Service Tax / VAT / Income Tax PAN number
10. Copies of audited Balance Sheets of bidder
11. Technical Specification Compliance Sheet as per annexure-9
12. MD/ CEO/ CFO/Proprietor/Managing partner undertaking mentioning Net worth and financial strength of the bidder to execute the work.

The financial bid should only contain the price as per the financial bid format.

- 4.11. **Offline Submissions:** The bidder is requested to submit the following documents offline (i.e. physically) either in the Tender Box kept at the Reception , ICSIL, Ground Floor, Okhla Phase – III,(Near Post Office) New Delhi-110 020 or by post to reach before the due date & time of submission of bid, in a Sealed Envelope, the envelope shall bear, the Tender No. & Description and the words 'DO NOT OPEN BEFORE' (due date & time):

1. Earnest Money Deposit (EMD) in original for prescribed amount by Demand Draft/ banker's cheque /Bank Guarantee (BG) in favour of "Intelligent Communications Systems India Ltd." from a scheduled bank
2. Letter for Submission of tender as per Annexure-4, Power of Attorney as per Annexure-6
3. A letter of undertaking from the head of the bidder's company (CEO/MD/Chairman/ CFO) stating that Networth of the bidder's company is min 1.5 Cr as on the date of the bidding and the bidder's company has sufficient funds to execute this project within the stipulated time frame. This letter of undertaking needs to be backed up by the bidder's bank/financial institution before the award of the work (in case of successful bidder)

- 4.12. **Completeness of Offer:** - Technical details must be completely filled in. Correct technical information of the product being offered must be filled in. Filling up of the Technical Detail Form using terms such as "OK", "accepted", "noted", "as given in brochure / manual" is not acceptable. The Purchaser may treat offers not adhering to these guidelines as non-acceptable. Similarly, Financial Bid accompanied by vague and conditional expressions such as "subject to

immediate acceptance", "subject to confirmation before sales", etc. will be treated as being at variance and shall be liable for rejection.

4.13. The bidder should clearly indicate in his tender in the remarks column, deviations, if any,

4.14. In case the deviations from any of the tender specification clauses are not mentioned in the tender, it will be presumed that these clauses are acceptable to the bidder in toto and shall be binding on him in the event of a work order being placed on him.

4.15. **Modification/ Substitution/ Withdrawal of Tenders:**

4.15.1. The bidder may modify, substitute or withdraw its e- Tender after submission prior to the Tender Due Date No Tender shall be modified, substituted or withdrawn by the Company on or after the Tender Due Date.

4.15.2. Any alteration/ modification in the Tender or additional information supplied subsequently to the Tender Due Date, unless the same has been expressly sought for by the Authority, shall be disregarded.

4.15.3. For modification of e- Tender, Company has to detach its old Tender from e- tendering portal and upload/ resubmit digitally signed modified Tender.

4.15.4. For withdrawal of Tender, Company has to click on withdrawal icon at e-tendering portal and can withdraw its e- Tender.

4.15.5. Before withdrawal of a Tender, it may specifically be noted that after withdrawal of a Tender for any reason, Company cannot re- submit e- Tender again.

4.16. **DELIVERY SCHEDULE**

The vendor has to complete the installation and commissioning of CCTV System within a period of 45 days or as specified in the work order whichever is earlier, effective from the date of work order of the ICSIL.

4.17. **Post commissioning Support**

The vendor is required to provide sound-service after-installation and commissioning of the system by arranging timely attending of calls (within 8 hour) received from ICSIL/ICSIL's Client, where the equipment has been installed & commissioned; and problem rectification through competent service engineers as per SLA. The desired support line should be uniformly maintained at all the sites. To ensure timely rectification of the complaints, the vendor has to maintain sufficient inventory of spare parts/equipments at all the support centers to avoid unnecessary delay in obtaining the spare parts/equipments. The vendor must supply the details of its service/support infrastructure meant for registering the complaints along with the contact numbers like mobile nos., phone nos., electronic mail addresses and names etc. of its service engineers.

4.18. **Comprehensive Annual Maintenance Contract**

After expiry of one year satisfactory warranty service, the vendor has to undertake, comprehensive AMC for 2nd, 3rd, 4th year of the equipment subject to ICSIL's client confirmation. Comprehensive AMC will include one mandatory visit per month and repairs and replacements of parts or assemblies, if needed, to put the system in operation. All complaints shall be attended to within 8 hours of the complaint. Comprehensive AMC payment will be released after the end of each quarter and NOT IN ADVANCE. The vendor will not outsource the maintenance work assigned by ICSIL, to any other party and will arrange attending of all complaints registered by ICSIL or ICSIL's Client officials through its own service / support infrastructure. The ICSIL reserves the right to terminate the comprehensive AMC by issuing one month's notice to the concerned vendor, if the services rendered by the vendor are found unsatisfactory.

4.19. **LIQUIDATED DAMAGES FOR DELAY IN SUPPLY , INSTALLATION, TESTING& COMMISSIONING**

The vendor is required to complete the Supply, installation, testing and commissioning of CCTV System within a period as per work order, effective from the date of work order of the ICSIL. However, if the vendor commits delay in supply, installation, testing and commissioning, the vendor will be liable to pay a sum of 0.5% (halfpercent) of the total cost of project for each week of delay beyond the scheduled installation and commissioning date by way of liquidated damages without prejudice to its other remedies under the Contract, subject to a maximum limit of 10 percent of the stipulated cost of the project.

4.20. **PENALTY FOR LACK OF SERVICE SUPPORT**

4.20.1. ICSIL expects proper service support during warranty and post warranty period. The system/equipments should be set right within 24 hours of reporting the complaint. In case the system /equipment is down for more than 2 working days and no substitute is provided by the vendor, a penalty of Rs. 250.00 per day per fault will be charged from the 2nd day of fault to the maximum of Rs. 3000.00 per case on the basis of DVR logs. Such penalty may be recovered from the amount payable to the vendor. In case fault in equipment or in system not set right within 10 days from the date of fault then ICSIL/ICSIL's client may get it repaired or replaced to make it functional from any other agency at the cost and liability of the vendor.

4.20.2. **Overall uptime availability:** It is desired that 100% camera shall remain functional all the times. However, the uptime of all the camera up to 95% calculated on quarterly basis is acceptable without any penalty. However, 0.5% of the quarterly payment of Comprehensive AMC or 0.25 % of first year remaining amount for the warrantee period shall be deducted for SLA going below 95%. Overall uptime shall be calculated based on log of DVR for each camera. To secure the DVR log, vendor shall provide proper authentication and authorization mechanism. The vendor shall provide monthly uptime report based on DVR log. In case of need, the vendor is bound to provide DVR log daily to the concerned Govt. agencies for the purpose of maintaining the law and order situation in the city.

SECTION -5

5. SCOPE OF WORK

5.1.SCOPE OF THE WORK

The bidder has to take up the contract on turnkey basis, i.e. procurement, installation, commissioning and maintenance of CCTV SURVEILLANCE system as per following details:

- 5.1.1. Installation of **966**nos. cameras including poles where required & with suitable mounting of cameras. The requirement of number of cameras may increase/ decrease during installation and the payments will be made on actual installation.
- 5.1.2. The specification of CCTV Surveillance system cover technical specification and requirement of Analog based surveillance System consisting Outdoor Motorized Vari-Focal Analog HD CCTV Camera, DVR, Video management, Color Monitor and other supporting components etc. for surveillance of different locations in Delhi.
- 5.1.3. CCTV Surveillance System shall be end to end Analog based system with Analog HD CCTV Cameras as per site requirement.

5.1.4. SYSTEM DESCRIPTION:

CCTV Surveillance System to be provided at different locations and its establishment shall consist of outdoor Motorized Vari-Focal Analog HD CCTV Camera, DVR, and view on LED monitors and associated video cable, power cable, and other supporting components etc. The output of cameras should be available and connected to the backbone to the control room.

- a. Each CCTV camera shall have a video at 1080P (HD Format) and 30/25 frames and a dual stream capability such that the viewing and recording at different resolutions and frames per second are possible.
- b. The CCTV System shall provide secured recording for evidence purposes and user authentication to protect data integrity.
- c. The storage device for recording shall be external and of standard make with RAID 0, 1, 5 protections.
- d. The recording shall be stored for at least 30 days at 720P resolution, 25/20 frames per second. However the system should be capable of recording at 1080P 30/25 frames per second for all cameras.

5.1.5. GENERAL REQUIREMENTS:

- 5.1.5.1. Manufactured products shall be quality system compliant and shall be UL, EN, FCC certified as required.
- 5.1.5.2. All Analog CCTV HD cameras, DVR, Video recording, video analytics as applicable should be from the same manufacturer (OEM).
- 5.1.5.3. All necessary arrangements of tools / tackles / equipments / machinery as required for carrying out the work at site will have to be made by the Vendor.

- 5.1.5.4. Vendor to provide all the relevant test and approval certificates relevant to supply of the cameras, DVR and other items together with operation / maintenance manuals along with the supply of equipments.
- 5.1.5.5. Vendor shall submit the drawing of camera pole & its mounting kit and foundation along with the technical bid otherwise the bid may be liable for rejection. Minimum height of pole shall be 5 mtr. excluding civil foundation.
- 5.1.5.6. Bidder shall submit the make, model, type of each item with technical literature, technical data sheet etc. Power cables shall be heavy duty type having minimum Size of 2.5 sqmm.
- 5.1.5.7. System should have protection against short circuit and reverse polarity of supply.
- 5.1.5.8. Vendor shall take necessary precautions to ensure that there is no damage to existing facilities in any form. Cost of damage, if any by action of vendor will be debited to him.
- 5.1.5.9. Packaging, forwarding, transport, insurance, loading, unloading, precaution against damage during transit etc shall be to bidder's account.
- 5.1.5.10. Test Certificate: Vendor shall provide all necessary test certificates.

5.1.6. TRAINING:-

- 5.1.6.1. Vendor shall provide 07 working days training on the working of CCTV System and the relevant software.
- 5.1.6.2. The training shall be provided free of cost as part of tender response and the same shall be provided client/ ICSIL/ USER the schedule of the training shall be mutually decided upon prior to start of the execution of the project.
- 5.1.6.3. 2 Sets of training manual in two hard copies and two soft copies containing details of technical specifications, installation and commissioning, trouble- shooting & maintenance schedule etc. shall be supplied along with the equipment.

5.1.7. INSPECTION & ACCEPTANCE

- a. ICSIL or any Team constituted by ICSIL or its client (Delhi Govt) reserves the right to inspect the site for all active/Passive equipments/material procured/provided under this project at any time. The cost of all such tests shall be borne by the Vendor (Successful bidder). Any inspected goods fail in to confirm the specification after installation, the ICSIL or Delhi Govt. Team may reject them and the Vendor shall have to replace the rejected goods. In case of inspection waiver the same shall be obtained before the dispatch of goods. . Sample approval should be obtained before installation of such material.
- b. The first step will involve successful installation of all sites. The provisional acceptance of these sites will be defined as Partial Acceptance
- c. Final Acceptance Test (FAT): After successful installation of the equipment/Material in accordance with the requirements as mentioned in tender,, Final Acceptance Test will be conducted. After successful testing, Acceptance Test Certificate will be issued by Delhi Govt. Technical Team or any Team constituted by ICSIL
- d. The date on which Acceptance certificate is issued shall be deemed to be the date of successful commissioning of the Equipments/Material.
- e. Any delay by the Vendor in the Acceptance Testing shall render the Vendor liable to the imposition of appropriate Penalties.

- f. All goods and services should have approval of TEC with ISI or other certification, as applicable, to prove the quality standards applicable in India.
- g. Vendor shall provide details of Acceptance Test Procedure (ATP) to ICSIL & one copy to Delhi Govt. Technical /supervisory team as per tender specifications & will demonstrate system specifications as per ATP to installation of equipment in Ward. During ATP vendor will use their own tools, equipments. ICSIL will not provide any test instrument/tools.
- h. Final payment will be made after satisfactory testing, commissioning and acceptance of the complete system
- i. The system will be considered as installed and accepted only after successful uninterrupted operation of the entire CCTV system at site for period of minimum 30 days post ATP.

SECTION - 6

6. General (Commercial) Conditions of the Contract

6.1. PRICE APPLICABILITY

Prices in the work Order shall remain valid for the period of delivery schedule or extended delivery schedule. In case of delayed supplies, after delivery period, the advantage of reduction of taxes/duties shall be passed onto the Purchaser and no benefit of increase will be permitted to the Supplier.

6.2. PAYMENT TERMS

6.2.1. Payment of taxes and other applicable Government levies will be made according to the rules and regulations as existing on the date of invoice from the vendor.

6.2.2. 20% Payment will be released on supply and acceptance of items (for Camera and DVRs only) will be made against satisfactorily delivery of equipments by the vendor at the client site/s and certified by the client and ICSIL official. Upto 70% payment of the total contract value will be released after successful installation, commissioning and acceptance of system upon ATP from ICSIL/Concerned Delhi Govt. representatives(Client)

6.2.3. Balance 30 % will be released quarterly basis as follows:

- 5% per quarter after successful running of the system for 30 days postATP. The payment will be made after each quarter.

- The balance 10 % will be released alongwith 4th quarter instalment. Release of all payments are subject to condition that entire payments from ICSIL's client is received by the ICSIL and deduction, if any, by client from payments due to defective material or services or delay in supply or any other reason, will be deducted from the due payment of the vendor.

6.2.4. Document to be submitted for payment.

a) for 20% payment:

- Invoice in Triplicate
- Insurance copy.
- Delivery challan for all items duly certified by ICSIL/ Delhi Govt representative. The content/hardware specifications will be checked at the time of physical installation of the items at site.
- Submission of the ATP document, site survey report, firm Project plan, installation methodology, duly accepted by ICSIL/ ICSIL's client.
- Warrantee certificate of the equipment supplied, supported by OEM.

- Product test report from OEM
- b) for up to 70% payment:
- Invoice in Triplicate
 - Insurance copy for balance material
 - Delivery challan for balance items supplied, duly certified by ICSII/ Delhi Govt representative.
 - Warrantee certificate of the balance equipment supplied.
 - Product test report from OEM for balance supplies
 - ATP signed document.
- c) for balance 30% payment:
- Invoice in Triplicate
 - Certificate from ICSIL/ICSIL's client (each quarter) on system functioning. In case of breach of the SLA, the applicable penalty to be calculated and deducted from Vendor's invoice.

6.3. **Indemnity:**

The Supplier shall indemnify the ICSIL/User departments against all third party claims of infringement of patent, trademark/copyright or industrial design rights arising from the use of the supplied items and related services or any part thereof. ICSIL/User department stand indemnified from any claims that the vendor's manpower may opt to have towards the discharge of their duties in the fulfilment of the purchase orders. ICSIL/User department also stand indemnified from any compensation arising out of accidental loss of life or injury sustained by the vendor's manpower while discharging their duty towards fulfilment of the purchase orders.

6.4. **PERFORMANCE SECURITY**

- 6.4.1. Within 10 days of receipt of work order from the ICSIL, the vendor shall furnish a Performance Security in the form of a Bank Guarantee for an amount equivalent to 10% of the contract/work order value, issued by a Scheduled Bank from its branch in Delhi in the prescribed format given in this tender.
- 6.4.2. The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the vendor's failure to complete its obligations under the contract.
- 6.4.3. The Performance Bond will be discharged by the Purchaser after 90 days of completion of the vendor's obligations including any warranty obligations under the contract.

6.5. **RIGHT TO TERMINATE THE PROCESS**

- 6.5.1. ICSIL may terminate the Tender process at any time and without assigning any reason. ICSIL makes no commitments, express or implied, that this process will result in a business transaction with anyone.
- 6.5.2. This Tender does not constitute an offer by ICSIL. The bidder's participation in this process may result ICSIL selecting the bidder to engage in further discussions and negotiations toward execution of a contract. The commencement of such negotiations does not, however, signify a

commitment by ICSIL to execute a contract or to continue negotiations. ICSIL may terminate negotiations at any time without assigning any reason.

6.6. LIQUIDATED DAMAGES

- 6.6.1. The date of the delivery of the goods/services stipulated in the acceptance of tender should be deemed to be the essence of the contract and the delivery must be completed not later than the dates specified therein. Extension in delivery period will not be given. Should, however, deliveries be made after expiry of the contract delivery period and accepted by the consignee, such deliveries will not deprive the Purchaser of the right to recover Liquidated Damages.
- 6.6.2. In case the Supplier fails to supply the goods/services against the order, the same shall be procured from other suppliers at the cost and risk of the Supplier and the excess money will be recovered from any dues of the party.
- 6.6.3. LD can be recovered from any dues of the Supplier.

6.7. SUB-LETTING

The vendor cannot assign or transfer and sub-contract its interest/ obligations under the contract without prior written permission of the Purchaser.

6.8. CHANGE ORDERS

- 6.8.1. The Purchaser may at any time by written order given to the Supplier make changes within the general scope of the contract in any one or more of the following:-
 - a. Drawings, designs or specifications where goods to be furnished under the contract are to be specifically manufactured for the Purchaser.
 - b. Method of transportation or packing.
 - c. Place of delivery.
 - d. Services to be provided by the supplier.
- 6.8.2. If any such change causes an increase or decrease in the cost or the time required for the execution of the contractor, an equitable adjustment shall be made in the contract price or delivery schedule or both and the contract shall accordingly be amended.

6.9. ARBITRATION

ICSIL and Vendor will make every effort to resolve amicably, by direct negotiation, any disagreement or dispute arising between them under or in connection with the work order. If any dispute will arise between parties on aspects not covered by this agreement, or the construction or operation thereof, or the rights, duties or liabilities under these except as to any matters the decision of which is specially provided for by the special conditions, such dispute will be referred to two arbitrators, one to be appointed by each party and the third to be appointed by the Chairman, ICSIL, New Delhi and the award of the arbitration, as the case may

be, will be final and binding on both the parties. Such arbitration will be governed in all respect by the provision of the Arbitration and Conciliation Act, 1996 or later and the rules there under and any statutory modification or re-enactment, thereof. The arbitration proceedings will be held in New Delhi only, wherein appropriate Appellate Authority shall also be the Hon'ble High Court of Delhi at New Delhi.

6.10. **CANCELLATION OF CONTRACT AND COMPENSATION**

ICSIL on behalf of Client reserves the right to cancel the contract and recover expenditure incurred by ICSIL on the following circumstances:

- a) The Vendor commits a breach of any of the terms and conditions of the contract.
- b) The Vendor goes into liquidation voluntarily or otherwise.
- c) The progress regarding execution of the contract, made by the Vendor is found to be unsatisfactory.
- d) After the award of the contract, if the Vendor does not perform satisfactorily or delays execution of the contract, ICSIL reserves the right to get the balance contract executed by another party of its choice by giving one months notice for the same. In this event, the Vendor is bound to bear the additional expenditure, which ICSIL may have to incur to carry out bidding process for the execution of the balance of the contract. This clause is applicable, if for any reason, the contract is cancelled.
- e) ICSIL reserves the right to recover any dues payable by the Vendor from any amount outstanding to the credit of the Vendor, including the pending bills and/or the amount of security deposit, if any, under this contract or any other contract/order.
- f) ICSIL shall be entitled and it shall be lawful on Vendor's part to forfeit the amount of Security deposit in whole or in part in the event of any default, failure or neglect on part of the vendor in fulfillment or performance of the contract under reference in all respects satisfaction of Client. ICSIL shall be entitled to deduct from the amount of Security deposit any loss or damage which ICSIL may suffer or be put by any reason of or due to any act or other default recoverable by ICSIL from the contract. The losses recoverable by ICSIL from the Security deposit shall include all losses incurred by ICSIL during the period of engagement on account of failure of Vendor to carry out responsibilities or delay in doing so by the vendor as per stipulations of the contract.
- g) The Security deposit will be returned to the vendor without any interest on performance and completion of the contract.

6.11. **NO LEGAL RELATIONSHIP**

No binding legal relationship will exist between any of the Recipients / Respondents and ICSIL until execution of a contractual agreement.

6.12. **APPLICABLE LAWS**

This contract shall be interpreted, construed and governed by the laws of the Republic of India and the parties hereby submit to the exclusive jurisdiction of the Court at Delhi and to all Courts at Delhi having jurisdiction in appeal there from.

Any dispute in relation to the contract shall be submitted to the appropriate Court of the Republic of India for determination. The parties to the contract shall continue to fulfil their respective obligations under the contract during the currency of the contract pending the final decision of the Court.

6.13. **GENERAL LIEN**

Whenever under this contract any sum of money is recoverable from and payable by the Supplier, the Company shall be entitled to recover such sum by appropriating in part or in whole the security deposit of the Supplier, if a security is taken from the Supplier. In the event of the Security being insufficient or if no security has been taken from the Supplier, the balance or the total sum recoverable, as may be, shall be deducted from any sum due to the Supplier or which at any time thereafter may become due to the Supplier under this or any other contract with the Company. Should this sum be not sufficient to cover the full amount recoverable, the Supplier shall pay to the Company on demand the remaining balance due.

6.14. **FORCE MAJEURE**

If any time, during the continuance of this contract, the performance in whole or in part by either party under obligation as per this contract is prevented or delayed by reasons of any war or hostility, act of the public enemy, civil commotion, sabotage, fire, flood, explosion, epidemic, quarantine restrictions, strike, lockout or acts of God (hereinafter referred to "eventuality"), provided notice of happening of any such eventuality is given by either party to the other within 21 days of the date of occurrence thereof, neither party shall be reason of such an "eventuality" be entitled to terminate this contract nor shall either party have any claim or damages against the other in respect of such non-performance or delay in performance and deliveries under the contract. The contract shall be resumed as soon as practicable after such "eventuality" has come to an end or ceased to exist. In case of any dispute, the decision of MD, ICSIL, shall be final and conclusive, provided further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reason of any such eventuality for a period exceeding 60 days, either party may at its option, terminate the contract. Provided also that if the contract is terminated under this clause the Purchaser shall be at liberty to take over from the Supplier at a price to be fixed by the Purchaser, which shall be final, all unused, undamaged and acceptable materials, bought out components and other stores in the course of manufacture which may be in the possession of the Supplier at the time of such termination, or such portion thereof as the Purchaser may deem fit except such material, as the Supplier may, with the concurrence of the Purchaser, elect to retain.

6.15. **TERMINATION FOR INSOLVENCY**

The Purchaser may at any time terminate the Contract by giving written notice to the Supplier, without compensation to the supplier if the supplier becomes bankrupt or otherwise insolvent as declared by the competent court provided that such termination will not prejudice or effect any right of action or remedy which has accrued or will accrue thereafter to the purchaser.

6.16. **CORRUPT OR FRAUDULENT PRACTICES**

The Purchaser requires that the Bidders under this tender should observe the highest standards of ethics during the procurement and execution of such contracts. In pursuance of this policy, the Purchaser defines the terms set forth as follows:

- 6.16.1. "Corrupt Practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of the public official in the award of the RC, procurement process or in contract execution;
- 6.16.2. In the event of corrupt practice and fraudulence in addition to penal action as per the terms and conditions of the contract, legal action shall also be initiated against the concerned.
- 6.16.3. "Fraudulent practice" means a misrepresentation of facts in order to influence award of contract or a procurement process or a execution of a contract to the detriment of the Purchaser, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Purchaser of the benefits of the free and open competition;
- 6.16.4. The Purchaser will suspend the award of contract if prima-facie it is established that the vendor had engaged in corrupt or fraudulent practices in competing for the contract in question.
- 6.16.5. The Purchaser will declare a Bidder ineligible after giving opportunity of being heard, either indefinitely or for a stated period of time, to be awarded a contract if at any time it is found that the Bidder has engaged in corrupt and fraudulent practices in competing for, or in executing, a contract.

6.17. **SPECIAL TERMS & CONDITION**

1. **Patent Rights of the Goods:** The vendor shall indemnify the ICSIL & its client against all third party claims of infringement of patent, trademark or industrial design rights arising from use of the goods or any part thereof in India.
2. **Third Party Claims:** The vendor (the "Indemnifying Party") undertakes to indemnify the client (the "Indemnified Party") from and against all losses, claims or damages including losses, claims or damages on account of bodily injury, death or damage to tangible.
3. **Limitation of Liability:** There shall be no limitation of liability in case of any damages for bodily injury (including death) and damage to real property and tangible personal property as also intangible personal property and intellectual property rights.
4. **Data Protection:**
 - a. In the course of providing the Services, the vendor may be compiling, processing and storing proprietary Project Data relating to the users. The vendor and each user are

responsible for complying with its respective obligations under the applicable data protection laws and regulations governing the Project Data

- b. The vendor is required to perform or adhere to only those security measures concerning the Project Data which were in place.
- c. The vendor shall not transfer any Project Data unless otherwise authorized by the client in this regard.

5. Confidentiality:

- a. All such information which are marked as confidential shall be treated as confidential information.
- b. The client may permit the vendor to come into possession of confidential public records as per the needs of the project and the vendor shall maintain the highest level of secrecy, confidentiality and privacy with regard there to. Additionally, the vendor shall keep confidential, all the details and information with regard to the Project, including systems, facilities, operations, management and maintenance of the systems/ facilities
- c. The client shall retain all rights to prevent, stop and if required take the necessary punitive action against the vendor regarding any forbidden disclosure, which punitive action may include at the discretion of the client termination of contract.
- d. The vendor shall ensure that all its employees execute individual non-disclosure agreements, which have been duly approved by the client with respect to given job/project.
- e. The aforesaid provisions shall not apply to any information
 - i. already in the public domain
 - ii. which has been received from a third party who had the right to disclose the aforesaid information
 - iii. Is disclosed to the public due to a court order.

6. Personnel:

- a. Personnel assigned by selected vendor to perform the Services shall be employees of selected vendor, and under no circumstances will such personnel be considered employees of client/ICSIL. Selected vendor shall have the sole responsibility for supervision and control of its personnel and for payment of such personnel's entire compensation, including salary, worker's compensation, employee and disability benefits and shall be responsible for all employer obligations under all applicable laws including obligations for withholding tax under the Income Tax Act and other social security taxes under the relevant laws.
- b. Selected vendor shall use its best efforts to ensure availability of selected vendor personnel to perform the Services, and that such personnel have prescribed qualifications to perform the Services. The client shall have the right to require the removal or replacement of any selected vendor personnel performing work under this work order. In the event that the Client requests that any selected vendor personnel be replaced, the substitution of such personnel shall be accomplished within a period of 3 working days.
- c. In the event the client identifies any personnel of selected vendor as "Key Personnel", then the selected vendor shall not remove such personnel without the prior written consent of the client/ICSIL.

7. Termination for Default:

- a.** The ICSIL may without prejudice to any other remedy for breach of contract, (including forfeiture of Performance Security and/or EMD) by written notice of default sent to the vendor, terminate the Contract in whole or in part after sending a notice to the vendor in this regard.
 - b.** if the vendor fails to deliver any or all of the goods within the time period(s) specified in the Contract, or any extension thereof granted by the ICSIL or
 - c.** if the vendor fails to perform any other obligation under the Contract.
- 8.** In the event the ICSIL terminates the Contract in whole or in part, ICSIL may procure, upon such terms in such manner, as it deems appropriate, goods and services similar to those undelivered, and the vendor shall be liable to pay excess cost of such similar goods and services to the ICSIL. This liability will be in addition to forfeiture of performance guarantee and any other legal proceedings, which the ICSIL may initiate as per rules .

SECTION 7

ANNEXURES

Annexure 1 :BIDDER PROFILE

S.No	Particulars	
1	Name & address of the Company / Organization	
2	Registration No. of Company / Organization	
3	Date of incorporation of Company / Organization	
4	Year of Establishment	
5	PAN No. of Company	
6	TAN Number of Company	
7	VAT Registration No. & Date	
8	Service Tax Registration No. & Date	
9	Telephone Nos	
10	Fax No	
11	e-mails	
12	Website Address	
13	Type of Organisation	
14	Employees' State Insurance Corporation (ESIC)Registration No.	
15	Employees' Provident Fund (EPF)Registration No.	
16	Registration with NSIC/DGS&D /Industries/ others (if any) details	
17	Particulars of Managing Director/CEO/Proprietor/ Managing Partner	
18	Particulars of Contact Person	
19	Location of Offices in Delhi/NCR	
20	Annual Turnover of the Company/Organization for last three financial years	
a)	2012-13	
b)	2013-14	
c)	2014-15	
21	Details of quality certifications (ISO/CMMI or any	

	other) of the organization (Please specify)	
22	Strength of organization with number of Professional / Technical / Managerial / General etc (permanent/temporary) employees on rolls	
23	Whether the aforesaid Company/their Directors / Partners/Promoters/ Subsidiary Units Tried /Under trial by the Court /Govt. Investigating Agencies? If yes, furnish the details otherwise mention as "No". Attach Notarized Affidavit as per Annexure 8 enclosed?	
24	Products/ Services offered by the organisation	
25	Details, if any , about Specialisation in the area / field	
26	Brief on the Strength of the organisation	
27	Any other relevant information that bidder may like to mention	

I/We hereby certify that the information furnished above is full and correct to the best of our knowledge. I/We understand that in case found any deviation in the above statement at any stage, our company can be black-listed and will not have any deal with the ICSIL in future.

Signature, name and designation of authorized signatory

Date:-

Annexure 2

Format for Manufacturer's Authorization Form

Ref No.

Dated: dd/mm/yy

To,

Managing Director

Intelligent Communication Systems India Ltd. (ICSIL)

Administrative Building, 1st Floor, Above Post Office, Okhla Industrial Estate, Ph-III

New Delhi -110020

Ref: MAF for RFP Notification no <xxxx> dated dd/mm/yy

Dear Sir,

We, <OEM/ Manufacturer name>having our registered office at <OEM/ Manufacturer address>, are an established and reputed manufacturer of the following items.

- 1) <Name of the Item being supplied>
- 2) <Name of the Item being supplied >

We do hereby authorize M/s _____ (Name & Address of the Vendor) to offer their quotation, negotiate and conclude the contract with ICSIL against the above invitation for bid offer.

We confirm that we have understood the delivery & installation time lines and warranty support, defined in the tender. We confirm that we have worked out all necessary logistics and pricing agreements with < Bidder Name > and there won't be any delay in delivery, testing, installation and support due to any delay from our side. Our full support is extended to them in all respects for the supply and maintenance of our products with spares, during the warranty period of one year.

We confirm that the products offered meet the technical & functional requirements of the project & Products quoted are latest version / specification and not the end of life. We also confirm that the support including required spares, updates, software patches, bug fixes, for the offered products shall be available for minimum 5 years.

In case the products offered and its spares are becoming "End of life" (EOL)/Roll over, we shall proactively inform ICSIL through our bidder about the replacement product (with matching specifications) along with proper comparison and sample for evaluation. We also undertake that incase of non availability of equivalent product, we shall supply product with higher specification during the execution of the project and up to warranty period without any additional cost.

We hereby extend our full guarantee, warranty support as per terms and conditions of the tender and the contract for the equipment and services offered against this invitation for bid offer by the above firm. In case the above firm defaults on providing the support, we assure that the necessary support will be provided by us to ICSIL and to its clients, without any additional cost.

We understand that any false information/commitment provided here will result in <OEM's Name> getting debarred from doing business with ICSIL for minimum period of one year.

Place:

Date:

Manufacturer's Company Seal:

Signature of Authorized Signatory

Name and Designation:

Notes:

1. On behalf of the OEM this undertaking should be signed by authorized signatory of OEM Company. Attach authorization letter. Any deviation from the above Pro-forma will lead to summary rejection of such bids.
2. A copy of the MAF needs to be uploaded on <<http://govtprocurement.delhi.gov.in/nicgep/app>> from the official (corporate) e-mail ID of the authorized signatory (OEM). The e-mail should have a subject line "**MAF-ICSIL RFP**". The original MAF should be submitted in the office of ICSIL before 15.00 hours on the last date of submission of the Bids; however a scanned copy of the same should also be uploaded along with the Technical Bid on the above portal. In case original MAF is not submitted the scanned copy of MAF submitted along with the bid will be ignored and the bid rejected. The original MAF may also be submitted by the OEM through his authorized representative (along with a copy of such authorization/POA).
3. Any deviation from the above MAF Pro-forma will lead to summary rejection of such bids.

Annexure 3:

Format of Bank Guarantee for Performance Security

To

Managing Director.,
The Intelligent Communication Systems India Ltd.
Administrative Building, Okhla Industrial Estate Phase-III
New Delhi

WHEREAS

(name and address of the supplier) (hereinafter called "the supplier") has undertaken, in pursuance of contract no..... datedto supply (description of goods and services) (herein after called "the contract").

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;

AND WHEREAS we have agreed to give the supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of (amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed thereunder or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until the 180 days from the date of opening of the bid..

(Signature of the authorized officer of the Bank)

.....

Name and designation of the officer

.....

.....

Seal, name & address of the Bank and address of the Branch

Annexure 4

Letter for Submission of tender

Dated ----- ,2016.

To

Managing Director,
Intelligent Communication Systems India Ltd
Okhla Industrial Estate Phase -III, Above Post Office
New Delhi - 110020

Ref: Supply, Installation & Commissioning of Closed Circuit Television System(CCTV) against tender No ICSIL/CCTV/2015-16/ ___ dated _____ due for opening on _____

Dear Sir,

Having examined the tender document relating to the Supply, Installation & Commissioning of Closed Circuit Television System(CCTV) as detailed in your tender, Conditions and scope of supply, Specifications etc., and having understood the provisions and requirements relating to the supply and all other factors governing the tender, We hereby submit our offer for the supply of the proposed items in accordance with terms and conditions and confirm our acceptance to execute the order within the time period specified in the tender document, at the rates quoted by us in the accompanying Technical & commercial Bid.

If, after the tender document is accepted, we fail to complete the supply of the items as per the order. We agree that, M/s. ICSIL, New Delhi shall have full authority to forfeit the earnest money and cancel our order with no obligation on their part.

We confirm having deposited earnest money of Rs 4,00,000/- (Rupees Four Lakhs only) by Demand Draft/ Banker's cheque/ Bank Guarantee No.....dated drawn onBank Branch attached here to, and general information required are as per annexure attached.

We further confirm that –

- i. We have successfully executed orders of similar nature and we have sufficient experience and financial strength in handling orders of this value.
- ii. We have sufficient qualified manpower and necessary materials and after sales support to execute the order efficiently in the specified time schedule.
- iii. The quoted rates shall be valid till the completion of the contract .

iv. We further confirm that all chapters of the tender documents have been read, understood and signed and there is no deviation/discrepancy.

Signature of the Bidder

With stamp and date

Annexure 5

**STATEMENT OF EXPERIENCE AND COMPETENCE IN RELATED
AREAS/FIELD GIVEN IN THE TENDER**

**(Furnish copies of Satisfactory Job Completion Certificates along with copies of
corresponding Work Awards/Job Orders)**

SNo	Name of Projects successfully completed	Name of the Client with contact person details	Job Period (Year of Start & Finish)	Value	Remarks

Signature, name and designation of authorized signatory

Annexure 6

Format Power of Attorney

(On Stamp paper of relevant value)

Know all men by the present, we _____ (name of the company and address of the registered office) do hereby appoint and authorize Mr _____ (full name and residential address) who is presently employed with us holding the position of _____ as our attorney, to do in our name and on our behalf, deed and things necessary in connection with or incidental to our proposal in response to the Tender by ICSIL, including signing and submission of all the documents and providing information/responses to ICSIL in all the matter in connection with our bid.

We hereby agree to ratify all deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all deeds and things done by our aforesaid attorney shall always be deemed to have been done by us.

Dated this _____ day of _____ 2016.

For _____.

(Signature)

(Name Designation and Address)

Accepted

Signature)

(Name Designation)

Date:

Business Address:

Annexure 7

SELF-DECLARATION – NO BLACKLISTING

To

The Managing Director
Intelligent Communication Systems India Ltd
Okhla Industrial Estate Phase 3, Above Post Office
New Delhi-110020

In response to this Tender document pertaining to Supply, Installation & Commissioning of CCTV surveillance system, I/ We hereby declare that presently our Company/firm _____ is having unblemished record and is not declared ineligible for corrupt & fraudulent practices either indefinitely or for a particular period of time by any State/ Central Government/ PSU/Autonomous Body.

We further declare that presently our Company/ firm _____ is not blacklisted and not declared ineligible for reasons other than corrupt & fraudulent practices by any State/ Central Government/ PSU/ Autonomous Body on the date of Bid Submission.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/ our security may be forfeited in full and contract may be cancelled.

Thanking you,

Name of the Bidder: -

Authorized Signatory: -

Seal of the Organization: -

Date:

Place

STATEMENT OF CHECKLIST

The bidder is required to include scanned copies of following documents in their e-bids that are mandatorily to be submitted by them on e-procurement website <http://govtprocurement.delhi.gov.in> After submission of e-bids by the bidders on website, the original and spiral bound hard copy of the same along with soft copy in MS-Word/ xls file format of the bid should also be submitted to Mr. Sanjay Prakash, Manager-QA, ICSIL New Delhi, on or before due date /time. Bidders are strictly advised not to submit the price bid in off line/ hard copy mode otherwise the bids of the such bidder/s will be liable for rejection. The Price bid needs to be submitted on-line only, on the e-procurement portal.

Sr. No	Documents Required	Submitted (Yes/No)
1	EMD	
2	Eligibility Documents	
3	Capability Statement as per Bidder Profile as per Annexure-1	
4	Manufacturer's Authorization Form signed by authorised person from OEM- Annexure-2	
5	Letter for Submission of tender- Annexure -4	
6	STATEMENT OF EXPERIENCE AND COMPETENCE IN RELATED AREAS / FIELD GIVEN IN THE TENDER- ANNEXURE-5 along with copies of work order, completion certificates. etc.	
7	Power of Attorney	
8	Self-declaration-Blacklisting as per Annexure-7	
9	Copies of certifications	
10.	Signed Statement of Manpower Available in related areas/fields as per Annexure-7 along with undertaking	
11.	MD/ CEO/ CFO/Proprietor/Managing partner undertaking mentioning Net worth and financial strength of the bidder to execute the work.	
12.	Technical Bid Documents	
13	Technical compliance sheet of various equipments as per Tender Annexure 9	
14	BILL OF QUANTITY (Location wise) Annexure 8	
15.	Price Bid	
16.	Any other documents not specifically mentioned above but are part of the tender document and are necessary for evaluation of the bidder's proposal.	

I/We hereby certify that the information furnished above is full and correct to the best of our knowledge. I/We understand that in case found any deviation in the above statement at any stage, our company can be black-listed and will not have any deal with the ICSIL in future.

Signature, name and designation of authorized signatory

Date:-

SECTION 8

8. Bill of quantities, technical Specifications

BILL OF QUANTITY (Location wise)

1. SahlimarBagh, Shalimar Bagh (North).

1.1 Site Name:- BH Block,ShalimarBagh

S.no.	Description	Quantity
1.	1.3 MP or better IR Vari Focal Bullet Camera	40
2.	4CH DVR	0
3.	8CH DVR	1
4.	16CH DVR	2
5.	Video Cable RG-6	8000
6.	Power Cable (Armoured) 2 Core	4000
7.	PVC conduit	As per Actual
8.	4 TB HDD	8
9.	Power supply waterproof with case	40
10.	Online UPS 1 KVA	3
11.	Rack 12U	3
12.	All necessities Accessories including active and passive components like video balun, racks, Clamp, steel wire, screw, junction box, Connector video extender etc. Standard Kit – Connectors, Clip, Tape.	1 Lot
13.	Pole- 5 mtr	6
14.	LED Monitor 22 inch	3
15.	Installation charges	Lot

1.2 Site Name:- DA Block,ShalimarBagh

S.no.	Description	Quantity
1.	1.3 MP or better IR Vari Focal Bullet Camera	60
2.	4CH DVR	0
3.	8CH DVR	0
4.	16CH DVR	4
5.	Video Cable RG-6	18000
6.	Power Cable (Armoured) 2 Core	9000
7.	PVC conduit	As per Actual
8.	4 TB HDD	13

9.	Power supply waterproof with case	60
10.	Online UPS 1 KVA	4
11.	Rack 12U	4
12.	All necessities Accessories including active and passive components like video balun, Clamp, steel wire, screw, junction box, Connector video extender etc. Standard Kit – Connectors, Clip, Tape.	1 Lot
13.	Pole 5 mtr	10
14.	LED Monitor 22 inch	4
15.	Installation charges	Lot

1.3 Site Name:- CC Block,ShalimarBagh

S.no.	Description	Quantity
1.	1.3 MP or better IR Vari Focal Bullet Camera	40
2.	4CH DVR	0
3.	8CH DVR	1
4.	16CH DVR	2
5.	Video Cable RG-6	8000
6.	Power Cable (Armoured) 2 Core	4000
7.	PVC conduit	As per Actual
8.	4 TB HDD	8
9.	Power supply waterproof with case	40
10.	Online UPS 1 KVA	3
11.	Rack 12U	3
12.	All necessities Accessories including active and passive components like video balun, racks, Clamp, steel wire, screw, junction box, Connector video extender etc. Standard Kit – Connectors, Clip, Tape.	1 Lot
13.	Pole 5 mtr	5
14.	LED Monitor 22 inch	3
15.	Installation charges	Lot

1.4 Site Name:- CA Block, Shalimar Bagh

S.no.	Description	Quantity
1.	1.3 MP or better IR Vari Focal Bullet Camera	36
2.	4CH DVR	0
3.	8CH DVR	1
4.	16CH DVR	2
5.	Video Cable RG-6	7200
6.	Power Cable (Armoured) 2 Core	5400
7.	PVC conduit	As per Actual
8.	4 TB HDD	7
9.	Power supply waterproof with case	36

10.	Online UPS 1 KVA	3
11.	Rack 12U	3
12.	All necessities Accessories including active and passive components like video balun, racks, Clamp, steel wire, screw, junction box, Connector video extender etc. Standard Kit – Connectors, Clip, Tape.	1 Lot
13.	Pole 5 mtr	4
14.	LED Monitor 22 inch	3
15.	Installation charges	Lot

1.5 Site Name:- CB Block, Shalimar Bagh

S.no.	Description	Quantity
1.	1.3 MP or better IR Vari Focal Bullet Camera	27
2.	4CH DVR	0
3.	8CH DVR	0
4.	16CH DVR	2
5.	Video Cable RG-6	5400
6.	Power Cable (Armoured) 2 Core	2700
7.	PVC conduit	As per Actual
8.	4 TB HDD	5
9.	Power supply waterproof with case	27
10.	Online UPS 1 KVA	2
11.	Rack 12U	2
12.	All necessities Accessories including active and passive components like video balun, racks, Clamp, steel wire, screw, junction box, Connector video extender etc. Standard Kit – Connectors, Clip, Tape.	1 Lot
13.	Pole 5 mtr	1
14.	LED Monitor 22 inch	2
15.	Installation charges	Lot

1.6 Site Name:- BD Block, Shalimar Bagh

S.no.	Description	Quantity
1.	1.3 MP or better IR Vari Focal Bullet Camera	30
2.	4CH DVR	0
3.	8CH DVR	0
4.	16CH DVR	2
5.	Video Cable RG-6	4500
6.	Power Cable (Armoured) 2 Core	3000
7.	PVC conduit	As per Actual
8.	4 TB HDD	6
9.	Power supply waterproof with case	30
10.	Online UPS 1 KVA	2

11.	Rack 12U	2
12.	All necessities Accessories including active and passive components like video balun, racks, Clamp, steel wire, screw, junction box, Connector video extender etc. Standard Kit – Connectors, Clip, Tape.	1 Lot
13.	Pole 5 mtr	1
14.	LED Monitor 22 inch	2
15.	Installation charges	Lot

1.7 Site Name:- Sahipur

S.no.	Description	Quantity
1.	1.3 MP or better IR Vari Focal Bullet Camera	48
2.	4CH DVR	0
3.	8CH DVR	0
4.	16CH DVR	3
5.	Video Cable RG-6	12000
6.	Power Cable (Armoured) 2 Core	7200
7.	PVC conduit	As per Actual
8.	4 TB HDD	10
9.	Power supply waterproof with case	48
10.	Online UPS 1 KVA	3
11.	Rack 12U	3
12.	All necessities Accessories including active and passive components like video balun, racks, Clamp, steel wire, screw, junction box, Connector video extender etc. Standard Kit – Connectors, Clip, Tape.	1 Lot
13.	Pole 5 mtr	0
14.	LED Monitor 22 inch	3
15.	Installation charges	Lot

1.8 Site Name:- Shalimar Bagh Village

S.no.	Description	Quantity
1.	1.3 MP or better IR Vari Focal Bullet Camera	115
2.	4CH DVR	1
3.	8CH DVR	0
4.	16CH DVR	7
5.	Video Cable RG-6	40250
6.	Power Cable (Armoured) 2 Core	17250
7.	PVC conduit	As per Actual
8.	4 TB HDD	24
9.	Power supply waterproof with case	115
10.	Online UPS 1 KVA	8
11.	Rack 12U	8
12.	All necessities Accessories including active and	1 Lot

	passive components like video balun, racks, Clamp, steel wire, screw, junction box, Connector video extender etc. Standard Kit – Connectors, Clip, Tape.	
13.	Pole 5 mtr	0
14.	LED Monitor 22 inch	8
15.	Installation charges	Lot

2. R.K. Puram, Ward:- Munirka (166)

2.1 Munirka Village

S.No.	Description	Quantity
1.	1.3 MP or better IR Vari Focal Bullet Camera	221
2.	4CH DVR	0
3.	8CH DVR	0
4.	16CH DVR	14
5.	Video Cable RG-6	110500
6.	Power Cable (Armoured) 2 Core	110500
7.	PVC conduit	As per Actual
8.	4 TB HDD	42
9.	Power supply waterproof with case	221
10.	Online UPS 1 KVA	14
11.	Rack 12U	14
12.	All necessities Accessories including active and passive components like video balun, racks, Clamp, steel wire, screw, junction box, Connector video extender etc. Standard Kit – Connectors, Clip, Tape..	1 Lot
13.	Pole	0
14.	LED Monitor 22 inch	14
15.	Installation charges	Lot

2.2 R.K.Puram Sec. 2

S.No.	Description	Quantity
1.	1.3 MP or better IR Vari Focal Bullet Camera	42
2.	4CH DVR	0
3.	8CH DVR	0
4.	16CH DVR	3
5.	Video Cable RG-6	17000
6.	Power Cable (Armoured) 2 Core	17000
7.	PVC conduit	As per Actual
8.	4 TB HDD	12
9.	Power supply waterproof with case	42
10.	Online UPS 1 KVA	3
11.	Rack 12U	3
12.	All necessities Accessories including active and passive components like video balun, racks, Clamp, steel wire, screw, junction box, Connector video	1 Lot

	extender etc. Standard Kit – Connectors, Clip, Tape.	
13.	Pole	0
14.	LED Monitor 22 inch	3
15.	Installation charges	Lot

2.3 R.K.Puram Sec. 3

S.No.	Description	Quantity
1.	1.3 MP or better IR Vari Focal Bullet Camera	41
2.	4CH DVR	0
3.	8CH DVR	0
4.	16CH DVR	3
5.	Video Cable RG-6	6000
6.	Power Cable (Armoured) 2 Core	6000
7.	PVC conduit	As per Actual
8.	4 TB HDD	12
9.	Power supply waterproof with case	42
10.	Online UPS 1 KVA	3
11.	Rack 12U	3
12.	All necessities Accessories including active and passive components like video balun, racks, Clamp, steel wire, screw, junction box, Connector video extender etc. Standard Kit – Connectors, Clip, Tape.	1 Lot
13.	Pole	0
14.	LED Monitor 22 inch	3
15.	Installation charges	Lot

2.4 R.K.Puram Sec. 4

S.No.	Description	Quantity
1.	1.3 MP or better IR Vari Focal Bullet Camera	210
2.	4CH DVR	1
3.	8CH DVR	0
4.	16CH DVR	13
5.	Video Cable RG-6	84000
6.	Power Cable (Armoured) 2 Core	84000
7.	PVC conduit	As per Actual
8.	4 TB HDD	40
9.	Power supply waterproof with case	210
10.	Online UPS 1 KVA	14
11.	Rack 12U	14
12.	All necessities Accessories including active and passive components like video balun, racks, Clamp, steel wire, screw, junction box, Connector video extender etc. Standard Kit – Connectors, Clip, Tape.	As per Actual (14 Racks)

13.	Pole	0
14.	LED Monitor 22 inch	14
15.	Installation charges	Lot

2.5 MunirkaVihar

S.No.	Description	Quantity
1.	1.3 MP or better IR Vari Focal Bullet Camera	26
2.	4CH DVR	0
3.	8CH DVR	0
4.	16CH DVR	2
5.	Video Cable RG-6	7800
6.	Power Cable (Armoured) 2 Core	7800
7.	PVC conduit	As per Actual
8.	4 TB HDD	6
9.	Power supply waterproof with case	26
10.	Online UPS 1 KVA	2
11.	Rack 12U	2
12.	All necessities Accessories including active and passive components like video balun, racks, Clamp, steel wire, screw, junction box, Connector video extender etc. Standard Kit – Connectors, Clip, Tape.	1 Lot
13.	Pole	0
14.	LED Monitor 22 inch	2
15.	Installation charges	Lot

2.6 Munirka Enclave

S.No.	Description	Quantity
1.	1.3 MP or better IR Vari Focal Bullet Camera	30
2.	4CH DVR	0
3.	8CH DVR	0
4.	16CH DVR	2
5.	Video Cable RG-6	9000
6.	Power Cable (Armoured) 2 Core	9000
7.	PVC conduit	As per Actual
8.	4 TB HDD	6
9.	Power supply waterproof with case	30
10.	Online UPS 1 KVA	2
11.	Rack 12U	2
12.	All necessities Accessories including active and passive components like video balun, racks, Clamp, steel wire, screw, junction box, Connector video extender etc. Standard Kit – Connectors, Clip, Tape.	1 Lot
13.	Pole	0
14.	LED Monitor 22 inch	2
15.	Installation charges	Lot

Technical Specification

Technical Specification

1. Analog HD Camera

1.1 Analog IR Vari-Focal Bullet HD Camera (High Definition).

Approved Make : Honeywell/Panasonic/Sony/Bosch/Pelco/DVtel/Samsung/Axis

S.No.	Features	Generic Specifications	Compliance (Yes/No)	Remarks / Comments	Cross reference (page no. Section no.)
Camera Make & Model		Please Specify			
1.	Signal System	PAL/NTSC			
2.	Effective Pixel	1.3 MP or better			
3.	Image device	1/2.9" or 1/3" Super HAD II Progressive scan CCD / Progressive scan CMOS			
4.	Resolution	1.3 MP or better megapixel			
5.	Lens Type	2.8-12mm Auto Iris Motorized Vari-Focal Lens			
6.	IR Light & Distance	Minimum 50 Mtrs or better.			
7.	View of Angle	109° to 22° Horizontal View			
8.	Signal to Noise Ratio	≥50 db (AGC off)			
9.	Minimum Illumination	IR Off: 0.01@ F1.2, 50 IRE, 5600k with 80% reflection ratio, IR On: 0 Lux @ IR On			
10.	Electronic Shutter	NTSC: 1/60–1/50,000 seconds. PAL: 1/50–1/50,000 seconds or better			
11.	Day Night	B&W / Color IR Cut Filter with auto switch			
Encoding					
12.	Video Output Signal	1.0Vp-p Composite (75 ohms, BNC), (Composite Video signal)			
13.	Scanning Frequency	15.625 KHz (h) and 50 Hz (v)			
14.	Frame Rate	Main Stream 25/30 FPS in all resolution or better			
15..	Sync System & Scan	Internal / 2:1 interlace / Progressive scan			

S.No.	Features	Generic Specifications	Compliance (Yes/No)	Remarks / Comments	Cross reference (page no. Section no.)
16.	Privacy Zones	4 or higher privacy zones			
Additional Feature					
17.	White Balance	ON/Off, ATW, AWB, AWC, ATR, MANUAL, WDR(100db or better), AE, OSD, AGC, Backlight/ highlight compensation, Auto			
18.	Noise Reduction	DNR (2D+3D) On/Off			
Environment					
19.	Operating Temperature	(0° C to 50° C).			
20.	Storage Temperature	(0° C to 60° C).			
Electrical					
21.	Power Supply	DC12V/100/240VAC.			
22.	Power Consumption	Maximum 12 W			
23.	Rating	IP66 for outdoor vandal proof, weather-proof, Defog & IP45 for Indoor, vandal proof.			
24.	Certification	CE, RoHS& EN/UL standards for Safety.			

2. Digital Video Recorder

2.1 DVR-4 Channel HD Digital Video Recorders.

Approved Make :Honeywell/Panasonic/Sony/Bosch/Pelco/DVtel/Samsung/Axis

S. No.	Features	Generic Specifications	Compliance (Yes/No)	Remarks / Comments	Cross reference (page no. Section no.)
	Camera Make & Model	Please Specify			
1.	HD-DVR-4 Channel Digital Video Recorders	<p>Analog Camera Input: DVR 4 cameras</p> <p>DVD writer: built-in</p> <p>Video compression format: H264/MPEG-4/MJPEG</p> <p>Resolution:1536p (2048 x 1536), 1080p (1920 x 1080); 720p (1280 x 720); D1 (704 x 576 / 704 x 480); 4CIF (704 x 576; 704 x 480); CIF (352 x 288; 352 x 240); QCIF (176 x 144; 176 x 120)</p> <p>Storage: 8 TB internal hard disk</p> <p>Number of frames recorded: Dual encoding streams: 960H / D1 / HD1 / 2CIF / CIF @ 25/30fps (real time) & CIF / QCIF @ 25/30fps (real time)</p> <p>FPS: 30 fps per channel @1920x1080 Resolution.</p> <p>Main Stream Recording Rate: 100fps @ 1080P/ 720P/ WD1/D1/2CIF/CIF</p> <p>Bit Rate: 32Kbps-3048kbps or user defined (Max.6Mbps)</p> <p>Trigger Events: Recording; Tour; Video push; Email; FTP; Buzzer; Screen Tips.</p> <p>Video Detection: Motion Detection; Motion Detection Zones, Privacy zones (396: 22 x 18); Video Loss; Camera Blank, Tempering.</p> <p>Slots for an additional hard</p>			

S. No.	Features	Generic Specifications	Compliance (Yes/No)	Remarks / Comments	Cross reference (page no. Section no.)
		<p>disk: For storage backup: USB HDD, USB, Network.</p> <p>Display Interface: 1 HDMI, 1 VGA, and RS-232 port for PC connection, 1x RS-485 port (maximum resolution: 1080p)</p> <p>Operating System: Allows for the remote viewing of images on PDA devices with compatible operating systems (Windows, MAC, Mobile, i-Phone, Android, Symbian, Linux)</p> <p>Remote User: Minimum 4 (Four) or higher</p> <p>USB ports: 2 x USB 2.0 or higher (for mouse and external hard disk connection)</p> <p>Alarm In/Alarm Out: 4 inputs/1relay output, NO/NC</p> <p>Network Interface: 1 RJ45 port 100M/1000M</p> <p>Advanced functions:</p> <ul style="list-style-type: none"> • multiple user profiles • recordings viewable on Smartphone or PC, • compatible with software • automatic search for cameras connected to the network • capacity for live feed or time-shifted viewing with recording stored on the recorder viewable directly via the web interface. • capacity for displaying and recording feeds from cameras connected to the DVRs. • PC software for automatic detection on the network and for automatic addressing supplied • Bandwidth Support. 			

S. No.	Features	Generic Specifications	Compliance (Yes/No)	Remarks / Comments	Cross reference (page no. Section no.)
		<p>Supported Protocols:HTTP; TCP/IP; IPv4/IPv6; UPnP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP filter; PPPoE; DDNS; FTP; IP filter.</p> <p>Backup Mode: USB Device; Network.</p> <p>Search Mode: Date/time, Event (alarm, motion detection), Exact search, Smart search, Log link.</p> <p>Display Split: 4-channel DVRs: 1/4</p> <p>Playback: Play; Pause; Stop; Rewind; Fast play; Slow play; Full Screen; Repeat; Shuffle; Backup selection; Digital zoom</p> <p>Power Supply: 12V DC, 4A (240V AC)</p> <p>Power consumption: ≤35W (With HDD) IR remote control, mouse and power supply Included</p> <p>Operating Temperature: (0°C to 50°C)</p> <p>Humidity:10% to 93% (non-condensing)</p> <p>Certification :CE, EN/UL &RoHS standards for Safety</p> <p>Working Temp- –15°C to 50°C</p>			

2.2 DVR-8 Channel HD Digital Video Recorders

Approved Make : Honeywell/Panasonic/Sony/Bosch/Pelco/DVtel/Samsung/Axis

S. No.	Features	Generic Specifications	Compliance (Yes/No)	Remarks / Comments	Cross reference (page no. Section no.)
	Camera Make & Model	Please Specify			
1.	HD-DVR-8 Channel Digital Video Recorders	<p>Analog Camera Input: DVR 8 cameras</p> <p>DVD writer: built-in</p> <p>Video compression format: H264/MPEG-4/MJPEG</p> <p>Recording Resolution:1536p (2048 x 1536), 1080p (1920 x 1080); 720p (1280 x 720); D1 (704 x 576 / 704 x 480); 4CIF (704 x 576; 704 x 480); CIF (352 x 288; 352 x 240); QCIF (176 x 144; 176 x 120)</p> <p>Storage: 16 TB internal hard disk</p> <p>Number of frames recorded: Dual encoding streams: 960H / D1 / HD1 / 2CIF / CIF @ 25/30fps (real time) & CIF / QCIF @ 25/30fps (real time)</p> <p>Main Stream Recording Rate: 100fps @ 1080P/ 720P/ WD1/D1/2CIF/CIF</p> <p>Bit Rate: 32Kbps-4048kbps or user defined (Max.6072kbps)</p> <p>Trigger Events: Recording; Tour; Video push; Email; FTP; Buzzer; Screen Tips.</p> <p>Video Detection: Motion Detection; Motion Detection Zones, Privacy zones (396: 22 x 18); Video Loss; Camera Blank</p> <p>Slots for an additional hard disk: For storage backup: USB HDD, USB, Network..</p>			

S. No.	Features	Generic Specifications	Compliance (Yes/No)	Remarks / Comments	Cross reference (page no. Section no.)
		<p>Display Interface: 1 HDMI, 1 VGA, and RS-232 port for PC connection, 1x RS-485 port (maximum resolution: 1080p).</p> <p>Operating System: Allows for the remote viewing of images on PDA devices with compatible operating systems (Windows, MAC, Mobile, i-Phone, Android, Symbian, Linux)</p> <p>Remote User: Minimum 4 (Four) or higher</p> <p>USB ports: 2 x USB 2.0 or higher (for mouse and external hard disk connection)</p> <p>Alarm In/Alarm Out: 8 inputs/2 relay output, NO/NC</p> <p>Network Interface: 1 RJ45 port 100M/1000M</p> <p>Advanced functions:</p> <ul style="list-style-type: none"> • multiple user profiles • recordings viewable on Smartphone or PC, • compatible with software • automatic search for cameras connected to the network • capacity for live feed or time-shifted viewing with recording stored on the recorder viewable directly via the web interface • capacity for displaying and recording feeds from cameras connected to the DVRs • PC software for automatic detection on the network and for automatic addressing supplied • Bandwidth Support. <p>Supported Protocols: HTTP; TCP/IP; IPv4/IPv6; UPnP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP</p>			

S. No.	Features	Generic Specifications	Compliance (Yes/No)	Remarks / Comments	Cross reference (page no. Section no.)
		<p>filter; PPPoE; DDNS; FTP; IP filter.</p> <p>Backup Mode: USB Device; Network.</p> <p>Search Mode: Date/time, Event (alarm, motion detection), Exact search, Smart search, Log link.</p> <p>Display Split: 8-channel DVRs: 1/4/8/9</p> <p>Playback: Play; Pause; Stop; Rewind; Fast play; Slow play; Full Screen; Repeat; Shuffle; Backup selection; Digital zoom</p> <p>Power Supply: 12V DC, 5A (240V AC)</p> <p>Power consumption: ≤35W (With HDD) IR remote control, mouse and power supply Included</p> <p>Operating Temperature: (0°C to 50°C)</p> <p>Humidity:10% to 93%</p> <p>Certification : CE, EN/UL &RoHS standards for Safety</p> <p>Working Temp- -10°C to 55°C</p>			

2.3 DVR-16 Channel HD Digital Video Recorders.

Approved Make : Honeywell/Panasonic/Sony/Bosch/Pelco/DVtel/Samsung/Axis

S. No.	Features	Generic Specifications	Compliance (Yes/No)	Remarks / Comments	Cross reference (page no. Section no.)
	Camera Make & Model	Please Specify			
1.	HD- DVR-16 Channel Digital Video Recorders	<p>Analog Camera Input: DVR 16 cameras</p> <p>DVD writer: built-in</p> <p>Video compression format: H264/MPEG-4/MJPEG</p> <p>Resolution:1536p (2048 x 1536), 1080p (1920 x 1080); 720p (1280 x 720); D1 (704 x 576 / 704 x 480); 4CIF (704 x 576; 704 x 480); CIF (352 x 288; 352 x 240); QCIF (176 x 144; 176 x 120)</p> <p>Storage: 16 TB internal hard disk</p> <p>Number of frames recorded: Dual encoding streams: 960H / D1 / HD1 / 2CIF / CIF @ 25/30fps (real time) & CIF / QCIF @ 25/30fps (real time)</p> <p>Main Stream Recording Rate: 100fps @ 1080P/ 720P/ WD1/D1/2CIF/CIF</p> <p>Bit Rate: 32Kbps-4048kbps or user defined (Max.6072kbps)</p> <p>Trigger Events: Recording; Tour; Video push; Email; FTP; Buzzer; Screen Tips.</p> <p>Video Detection: Motion Detection; Motion Detection Zones, Privacy zones (396: 22 x 18); Video Loss; Camera Blank</p> <p>Slots for an additional hard disk: For backup storage: USB HDD, USB, Network</p> <p>Display Interface: 1 HDMI, 1 VGA, and RS-232 port for PC connection,1x RS-485 port</p>			

S. No.	Features	Generic Specifications	Compliance (Yes/No)	Remarks / Comments	Cross reference (page no. Section no.)
		<p>(maximum resolution: 1080p).</p> <p>Operating System: Allows for the remote viewing of images on PDA devices with compatible operating systems (Windows Mobile, iPhone, Android, Symbian, Linux)</p> <p>Remote User: Minimum 4 (Four) or higher</p> <p>USB ports: 2 x USB 2.0 or higher (for mouse and external hard disk connection)</p> <p>Alarm In/Alarm Out: 16 inputs/4 relay output, NO/NC</p> <p>Network Interface: 1 RJ45 port 100M/1000M</p> <p>Advanced functions:</p> <ul style="list-style-type: none"> • multiple user profiles • recordings viewable on Smartphone or PC, • compatible with software • automatic search for cameras connected to the network • capacity for live feed or time-shifted viewing with recording stored on the recorder viewable directly via the web interface • capacity for displaying and recording feeds from cameras connected to the DVRs • PC software for automatic detection on the network and for automatic addressing supplied • Bandwidth Support <p>Supported Protocols:HTTP; TCP/IP; IPv4/IPv6; UPnP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP filter; PPPoE; DDNS; FTP; IP filter.</p> <p>Backup Mode: USB Device; Network.</p> <p>Search Mode: Date/time, Event (alarm, motion detection), Exact</p>			

S. No.	Features	Generic Specifications	Compliance (Yes/No)	Remarks / Comments	Cross reference (page no. Section no.)
		<p>search, Smart search, Log link.</p> <p>Display Split: 16-channel DVRs: 1/4/8/9/16</p> <p>Playback: Play; Pause; Stop; Rewind; Fast play; Slow play; Full Screen; Repeat; Shuffle; Backup selection; Digital zoom</p> <p>Power Input: 12V DC, 5A (240V AC)</p> <p>Power consumption: ≤35W (With HDD)</p> <p>IR remote control, mouse and power supply Included</p> <p>Operating Temperature: (0°C to 50°C)</p> <p>Humidity:10% to 93%</p> <p>Certification : CE, EN/UL &RoHS standards for Safety</p> <p>Working Temp- 0°C to 55°C</p>			

3. Other Components' for CCTV

S. No.	Features	Generic Specifications	Compliance (Yes/No)	Remarks / Comments	Cross reference (page no. Section no.)
	Make & Model	Please Specify			
3.1	Pipe	PVC conduit pipe 40mm ISI marked			
3.2	BNC Connector (Male & Female)	1.0Vp-p Composite video output, 75 Ohm, To connect video cable from camera to DVR, 50 ohm 75 ohm			
3.3	Video Baluns with power (Transmitter and Receiver)	Passive UTP Video Balun distance of up 300 meters and 600 meters RJ 45 connector or push pin terminal or screw down wiring			
3.4	Active Video Baluns (Transmitter and Receiver)	Active UTP Video Balun RJ 45 Connector or push pin terminal or screw down wiring			
3.5	Power Supply	12 V SMPS 2.5AMP, 5AMP,10AMP for camera			
3.6	Hard Disk	Surveillance Hard Disk 4 TB (4000 GB)SATA (Serial ATA) ,RPM: 7200 for recording			
3.7	Video Cable RG-6	Video Cable (Armoured) (Video cable for Video transmission from camera to Digital Video Recorder), Shielded Copper cable, Co-axial with 100% Copper			
3.8	RJ-11	Video Cable			
3.9	Power Cable	2 Core, Conductor size: 1.5 sq mm, multi strand with standard annealed electrolytic copper conductor. Cable should be 100% copper, works with 12V DC and 24VAC,Three phase power supply complained with ISO			
3.10	Rack	Supply of Wall Mount Rack 12U 630MM deep 19" DRWM-			

		9U630- Fixed Structure with .8MM CRCA Sheet, CKD if required, L- Shape Vertical Mounting Rail 1.6MM with 'U' Marking, Minimum two Cooling Fan Provision, 12U should be excluding cooling fan mounting space, fitted with cooling fan Minimum 2 cable entry/exit provision at top and bottom with rubber protection, Front 5MM GSC Make Toughened Glass with lock, wall mounting kit, Powder coated Color- RAL-7035 Company should be ISO 9001:2008 Certified, Accessories as per site requirement			
3.11	Junction Box	IP-66 Grade Junction Box for Camera's Accessories mounting on pole.			
3.12	Camera Pole	Pole should be fabricated from B-class MS, weatherproof& PU painted, up to 5-meter high from ground level with RCC foundation, box mounted up to 1.25 meter from ground level for switch with lock & various cable arrangements for camera & network equipment. Vendor should supply all the mounting accessories.			

4. LED MONITOR 22 inch.

Approved Make: LG/Panasonic/Samsung

S. No.	Features	Generic Specifications	Compliance (Yes/No)	Remarks / Comments	Cross reference (page no. Section no.)
	Camera Make & Model	Please Specify			
1	Screen Size	22" LED or better			
2	Recommended Resolution	1920*1080			
3	Viewing Angle	170°(H) / 160°(V)			
4	Video System	Worldwide Multiple Video System (NTSC/PAL)			
5	Video/Audio Inputs	Analog RGB, Digital, BNC			
6	Input Port	VGA,HDMI or DVI			
7	Connectors	D-Sub 1, DVI 1			
8	Video Output	VGA, component			
9	Audio Output	Internal 5-watt (x2)			
10	Panel Control	Menu (Brightness, Contrast, Saturation, Hue), Volume, Channel Switch			
11	Input Voltage	AC 100 ~ 240V, 50/60Hz			
12	Power Consumption	35 W Max.			
13	Ratings	Energy 3 Star Rated			

5. UPS

5.1 Online UPS 1KVA.

Approved Make: APC/Emerson/Delta/Numeric/Uniline

S.No.	Features	Generic Description	Specification offered	Compliance (Yes/No)
1	Make	Please Specify		
2	Model	Please Specify		
3	Capacity	1kVA		
a)	Battery Backup	Battery Backup		
		(1) 30 Minutes at full load for all the capacities		
4	General			
a)	Inverter Technology	Pulse Width Modulation (PWM) using IGBTs with inbuilt Galvanic Isolation, double conversion		
b)	Total Harmonic Distortion (THD) Voltage	< 3% for 100% linear load < 5% for 100% non-linear load		
c)	Noise level	Less than 55 db		
d)	Operating Temperature	0°- 40° C		
e)	Crest Factor	Not less than 3:1 on full non-linear load		
f)	Humidity	Up to 95% non-condensing		
g)	Output Wave Form	Pure Sine wave		
h)	Cold Start facility	Required		
5	Input			
		AC Single Phase		
a)	Voltage Range	160 V AC to 270 V AC		

b)	Frequency Range	50 ± 6% Hz		
c)	Input Power Factor	0.9 or better at full output load leading to Unity with power factor correction (PFC)		
6	Output			
a)	Voltage	220/230/240V AC ± 1% Single Phase		
b)	Regulation	Less than ± 1% in the following conditions 1. No load to full load/Full load to no load 2. 0.6 lag to Unity PF 3. During Entire Backup time. 4. Complete Input Voltage Range		
c)	Frequency	50 Hz ± 0.5 %		
7	Efficiency			
a)	Overall Efficiency	80 % or better on rated full load of 0.8 PF & 230V, 50Hz AC output		
b)	Inverter Efficiency	90% or better on rated full load of 0.8 PF & 230V, 50Hz AC output		
8	Overload Capacity	110% for 2 min. & 125% overload for 30sec.		
9	Load Power Factor	0.8 lagging		
10	Protection	Required for : Over Voltage, short circuit and overload at UPS Over Temperature Input low/high voltage control DC low/high voltage trip		
11	Battery Bank Details			
a)	Battery Type	Sealed Maintenance Free (VRLA) with Rack & Connectors and any		

		other details please specify		
b)	Battery Make	CSB / Panasonic / Global Yuasa / Exide / Orchid / Okaya /Amar Raja/ Rocket/ Base/ Hi power Luminous/ Relicel or any other make duly type tested as per JIS C 8702 /1998 from Govt. / NABL approved Lab.		
c)	Battery recharge time (after complete discharge to 100% charge) & charge rating	Battery recharge time should not exceed 8 hours and charger should be capable to charge battery on C10 rating.		
12	Battery Capacity			
a)	Capacity of UPS	Battery Bank for Back-up Time-30 min		
b)	UPS & Batteries Housing	Powder coated UPS & battery cabinet with caster wheel should of minimum 1mm thick good quality material and should be free from sharp edge, scratches, nicks, & burs etc. Enclosure should conform to all protection requirements.		
13	L.C.D. meter	To measure and monitor Input /Output voltage, output current, DC current, DC voltage, input / output frequency		
14	Indications	Mains on, Load on Battery, Inverter on /off, Battery level, Load level, Inverter over load/current, Over temperature		
15	Audible Alarm	Over Temperature, Main failure, Battery low, Inverter Overload		
16	Switches	Main ON/OFF MCB Battery ON/OFF MCB/Fuse		

		Inverter push button with reset.		
17	Output Connection	O/P Terminals of standard quality should be provided.03 Nos. of 5/15A/230V female ISI/ IEC Mark socket and all 3 sockets should also be provided in addition to the O/PTerminals.		
19	Static / Manual Bypass	Required		

More than two battery banks should not be used in parallel in any configuration. The UPS should be supplied with 5 meter of required rated power cable (copper) and other accessories for providing input power supply to UPS. Bidders must mention the rating of power cable for each capacity of UPS separately.

PRICE BID SCHEDULE

Tender Inviting Authority: Intelligent Communication Systems India Ltd. (ICSIL)

Name of Work: SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF CCTV SURVEILLANCE SYSTEM WITHIN DELHI AREA

Contract No: Phone: 26929051, 26830338, Fax: 26830347, e-mail: networking@icsil.in

Tender Reference No. ICSIL/12/184/CCTV/PWD/2015-16/Vol 2

Bidder Name :

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	NUMBER	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR	BASIC RATE In Figures To be entered by the Bidder Rs.	VAT/Service Tax Rate in Amount	TOTAL AMOUNT Without Taxes	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
1	2	3	4	5	6	7	8	9	10	11
1	Supply of Analog HD Camera 1.3 MP or better megapixel 1080P, 2.8-12mm Auto Iris Motorized Vari-Focal as per specification	1.1	966	Nos	INR			0.0000	0.0000	INR Zero Only
2	Supply of Digital Video Recorder Supply of DVR-4 Channel HD Digital Video Recorders as per specifications	2.1	2	Nos	INR			0.0000	0.0000	INR Zero Only
3	Supply of Digital Video Recorder Supply of DVR-8 Channel HD Digital Video Recorders as	2.2	3	Nos	INR			0.0000	0.0000	INR Zero Only

	per specifications									
4	Supply of Digital Video Recorder Supply of DVR-16 Channel HD Digital Video Recorders as per specifications	2.3	61	Nos	INR			0.0000	0.0000	INR Zero Only
5	Supply of PVC conduit pipe 40mm ISI marked	3.1	19320	mtr.	INR			0.0000	0.0000	INR Zero Only
6	Supply of BNC Connector (Male & Female) 3 Pcs set	3.2	966	Nos	INR			0.0000	0.0000	INR Zero Only
7	Supply of Power Supply as required for camera	3.5	966	Nos	INR			0.0000	0.0000	INR Zero Only
8	Supply of Hard Disk Surveillance Hard Disk 4 TB (4000 GB) SATA (Serial ATA) ,RPM: 7200 for recording	3.6	199	Nos	INR			0.0000	0.0000	INR Zero Only
9	Supply of Video Cable RG-6 Video Cable (Armoured)	3.7	337650	mtr.	INR			0.0000	0.0000	INR Zero Only
10	Supply of Power Cable (Armoured) 2 Core, Conductor size: 1.5 sq mm, multi strand	3.9	286850	mtr.	INR			0.0000	0.0000	INR Zero Only
11	Supply of Rack:- 12U	3.10.	66	Nos	INR			0.0000	0.0000	INR Zero Only

12	Camera Pole- 5 Mtr	3 . 13	1	Nos	INR			0.0000	0.0000	INR Zero Only
13	Supply of LED MONITOR 22 inch.	4	66	Nos	INR			0.0000	0.0000	INR Zero Only
14	Supply of Online UPS 1 KVA UPS 30 Minutes at full load	5	66	Nos	INR			0.0000	0.0000	INR Zero Only
15	Installation, Testing & Commissioning		1	Nos	INR			0.0000	0.0000	INR Zero Only
	Total							0.0000	0.0000	INR Zero Only